

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.

Application Serial Number: 10/528,702
Source: PCT
Date Processed by STIC: 08/17/2005

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PCT

RAW SEQUENCE LISTING

DATE: 08/17/2005

PATENT APPLICATION: US/10/528,702

TIME: 17:03:47

Input Set : A:\LeA 36 590.ST25.txt

Output Set: N:\CRF4\08172005\J528702.raw

3 <110> APPLICANT: Bayer HealthCare AG
 4 Golz, Stefan
 5 Bruggemeier, Ulf
 6 Summer, Holger
 8 <120> TITLE OF INVENTION: Diagnostics and Therapeutics for Diseases Associated with
 HM74
 10 <130> FILE REFERENCE: LeA 36 590
 C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/528,702
 C--> 12 <141> CURRENT FILING DATE: 2005-08-05
 12 <150> PRIOR APPLICATION NUMBER: PCT/EP2004/000885
 13 <151> PRIOR FILING DATE: 2004-01-31
 15 <150> PRIOR APPLICATION NUMBER: EP 03003115.7
 16 <151> PRIOR FILING DATE: 2003-02-13
 18 <160> NUMBER OF SEQ ID NOS: 5
 20 <170> SOFTWARE: PatentIn version 3.3
 22 <210> SEQ ID NO: 1
 23 <211> LENGTH: 2051
 24 <212> TYPE: DNA
 25 <213> ORGANISM: Homo sapiens
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 32 ttccgagatg acttcattgc caaggtgttg ccgccggtgt tggggctgga gtttatcttt 180
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 36 tccagccgga ttttctgtt caacctggca gtagctgact ttctactgat catctgcctg 300
 38 ccgttcgtga tggactacta tgtgcggcgt tcagactgga actttgggga catcccttgc 360
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 42 gtggcggtag acaggtattt ccgggtgggc catccccacc acgcctgaa caagatctcc 480
 44 aattggacag cagccatcat ctcttgctt ctgtggggca tcaactgttg cctaacagtc 540
 46 cacctcctga agaagaagtt gctgatccag aatggccctg caaatgtgtg catcagcttc 600
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 60 tttcccaact tcttctccac tttgatcaac cgctgcctcc agaggaagat gacaggtgag 1020
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80 gagagctgag attggaggga attgtgttgc tcctggagga agcccaggca tcattaaaca 1620
82 agccagtagg tcacctggct tccgtggacc aattcatctt tcagacaagc tttagagaaa 1680
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88 ttgctgcttt caaccagcga ctaatgcaat ccattcctct cttgtttata gtaatctaag 1860
90 ggttgagcag ttaaaacggc ttcaggatag aaagctgttt cccacctgtt tcgttttacc 1920
92 attaaaaggg aaacgtgcct ctgccccacg ggtagagggg gtgcacgttc ctctgggttc 1980
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100 <211> LENGTH: 387
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111 20 25 30
114 Val Leu Gly Leu Glu Phe Ile Phe Gly Leu Leu Gly Asn Gly Leu Ala
115 35 40 45
118 Leu Trp Ile Phe Cys Phe His Leu Lys Ser Trp Lys Ser Ser Arg Ile
119 50 55 60
122 Phe Leu Phe Asn Leu Ala Val Ala Asp Phe Leu Leu Ile Ile Cys Leu
123 65 70 75 80
126 Pro Phe Val Met Asp Tyr Tyr Val Arg Arg Ser Asp Trp Asn Phe Gly
127 85 90 95
130 Asp Ile Pro Cys Arg Leu Val Leu Phe Met Phe Ala Met Asn Arg Gln
131 100 105 110
134 Gly Ser Ile Ile Phe Leu Thr Val Val Ala Val Asp Arg Tyr Phe Arg
135 115 120 125
138 Val Val His Pro His His Ala Leu Asn Lys Ile Ser Asn Trp Thr Ala
139 130 135 140
142 Ala Ile Ile Ser Cys Leu Leu Trp Gly Ile Thr Val Gly Leu Thr Val
143 145 150 155 160
146 His Leu Leu Lys Lys Lys Leu Leu Ile Gln Asn Gly Pro Ala Asn Val
147 165 170 175
150 Cys Ile Ser Phe Ser Ile Cys His Thr Phe Arg Trp His Glu Ala Met
151 180 185 190
154 Phe Leu Leu Glu Phe Leu Leu Pro Leu Gly Ile Ile Leu Phe Cys Ser
155 195 200 205
158 Ala Arg Ile Ile Trp Ser Leu Arg Gln Arg Gln Met Asp Arg His Ala
159 210 215 220
162 Lys Ile Lys Arg Ala Ile Thr Phe Ile Met Val Val Ala Ile Val Phe
163 225 230 235 240
166 Val Ile Cys Phe Leu Pro Ser Val Val Val Arg Ile Arg Ile Phe Trp
167 245 250 255
170 Leu Leu His Thr Ser Gly Thr Gln Asn Cys Glu Val Tyr Arg Ser Val

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171          260          265          270
174 Asp Leu Ala Phe Phe Ile Thr Leu Ser Phe Thr Tyr Met Asn Ser Met
175          275          280          285
178 Leu Asp Pro Val Val Tyr Tyr Phe Ser Ser Pro Ser Phe Pro Asn Phe
179          290          295          300
182 Phe Ser Thr Leu Ile Asn Arg Cys Leu Gln Arg Lys Met Thr Gly Glu
183 305          310          315          320
186 Pro Asp Asn Asn Arg Ser Thr Ser Val Glu Leu Thr Gly Asp Pro Asn
187          325          330          335
190 Lys Thr Arg Gly Ala Pro Glu Ala Leu Met Ala Asn Ser Gly Glu Pro
191          340          345          350
194 Trp Ser Pro Ser Tyr Leu Gly Pro Thr Ser Asn Asn His Ser Lys Lys
195          355          360          365
198 Gly His Cys His Gln Glu Pro Ala Ser Leu Glu Lys Gln Leu Gly Cys
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202 Cys Ile Glu
203 385
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207 <211> LENGTH: 27
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209 <213> ORGANISM: Artificial
211 <220> FEATURE:
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214 <400> SEQUENCE: 3
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219 <211> LENGTH: 20
220 <212> TYPE: DNA
221 <213> ORGANISM: Artificial
223 <220> FEATURE:
224 <223> OTHER INFORMATION: Reverse primer Primer2
226 <400> SEQUENCE: 4
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230 <210> SEQ ID NO: 5
231 <211> LENGTH: 26
232 <212> TYPE: DNA
233 <213> ORGANISM: Artificial
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27

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26

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/528,702

DATE: 08/17/2005
TIME: 17:03:48

Input Set : A:\LeA 36 590.ST25.txt
Output Set: N:\CRF4\08172005\J528702.raw

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:3,4,5

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/528,702

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Input Set : A:\LeA 36 590.ST25.txt

Output Set: N:\CRF4\08172005\J528702.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application No

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date